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The typification of *Euphrasia tricuspidata* L. (Orobanchaceae)

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Zusammenfassung

Für *Euphrasia tricuspidata* L. (Orobanchaceae) werden ein Lectotypus, sowie ein Epitypus ausgewählt.

Summary

A lectotype and epitype are chosen for *Euphrasia tricuspidata* L. (Orobanchaceae).

Key Words: Orobanchaceae, *Euphrasia*, *E. tricuspidata* L.; taxonomy, type.

Introduction

YEO (1979) designated sheet 759.3 (LINN) as the lectotype of *Euphrasia tricuspidata* L. but the sheet lacks the relevant *Species Plantarum* number (i.e. „3“), was a post-1753 addition to the herbarium, is not original material for the name according to Art. 9.2, Note 2 of the International Code of Botanical Nomenclature (McNEILL & al. 2006), and is therefore not eligible as a type. It is therefore necessary to reconsider the typification and to choose another element as type.

The type of *Euphrasia tricuspidata* LINNÉ

Euphrasia tricuspidata was described by LINNÉ in *Species Plantarum* (1753: 604). None of the specimens in the herbaria of Linné can be used as type, as they all came into the collections after the description was published. Therefore one of the other elements comprising the original material has to be selected. These are: "Pluk. alm. 142. t. 177. f. I" and "Zan. hist. 110. t. 76". Both drawings are undoubtedly identifiable as *E. tricuspidata*. The figure of PLUKENET (1696) shows a small branch with few flowers, while that of ZANONI (1742) shows two complete, branched plants (Fig. 1). The second is therefore chosen as lectotype.

Euphrasia tricuspidata L., Spec. Plant. (1753): 604.

Lectotypus (hic designatus): ZANONI (1742): t. 76. – Fig. 1.

Epitypus (hic designatus): Tirolia australis, in rupestribus graminosis in Val di Ledro, s.dat. Obrist, Flora Exsiccata Austro-Hungarica 143 [BM, the uppermost, richly branched plant] – Fig. 2.

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Fig. 1: *Euphrasia tricuspidata* L., lectotype, ZANONI (1742): t. 76.



Fig. 2: *Euphrasia tricuspidata* L., epitype [BM. 000848502].

Discussion

To avoid even the smallest doubt of the identity of the name, an epitype specimen has been designated (Art. 9.7, McNEILL & al. 2006). This specimen has been selected for several reasons. The uppermost plant is richly branched and similar to the drawing of ZANONI. The specimen as a whole shows the variability of *Euphrasia tricuspidata* from small plants with single stem to richly branched individuals and, last but not least, this collection is available in many herbaria. Other specimens collected by Obrist in "Val di Ledro" (sine dat., e.g. in B, GH), and the same, distributed (or prepared for distribution) in Schultz Herbarium Normale (sine num., B) are most probably from the same collection.

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